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| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5352** |
| Title of the Manuscript: | **Washing Chemistry Factors Impact on Wool Fabric Shrinkage** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Life Sciences Research and Reviews, 2(2): 1-6, 2024.**

**DOI: doi.org/10.47363/JLSRR/2024(2)112**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is very important for the scientific community, because it addresses gaps in the previous researches. Additionally it gives insight to improve the understanding of eashable wool and it contributes to the development of washable wool in the field** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Suitable** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract in the article is comprehensive, but I would like to recommend the author to include other factors because the main cause for felting and other shirinkages is the scales in the wool surface. Scientifically add the main causes and how it affects the fabric properties.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, Scintifically correct, but needs more scientific explanation, discuss the morphology of wool fiber in detail and explain the cuticle.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Use more related references in developing machine washable wool**  [**https://doi.org/10.1016/j.enzmictec.2006.07.034**](https://doi.org/10.1016/j.enzmictec.2006.07.034)  [**https://doi.org/10.1080/15440478.2021.1993498**](https://doi.org/10.1080/15440478.2021.1993498)  [**https://doi.org/10.1016/j.enzmictec.2006.07.034**](https://doi.org/10.1016/j.enzmictec.2006.07.034)  **https://doi.org/10.1080/15440478.2015.1043686.....etc** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Suitable |  |
| Optional/General comments | Discuss about wool fibers, use images of wool structure and morphology, discuss cuticle scales |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Worku Tegegne Molla, United Kingdom**